Zerto for Microsoft Azure

Complete Data Protection and Mobility for Microsoft Azure

Zerto

Zerto is the only software solution that replaces backup, disaster recovery, and cloud mobility solutions with a single, simple, scalable IT Resilience Platform™.

Zerto makes it easy to:

- Create a disaster recovery environment in Azure
- Migrate on-premises datacenters to Azure
- Migrate and protect Linux, SAP, and other workloads to Azure
- Migrate to Azure to extend end-of-life for Windows Server 2008/SQL Server 2008

Zerto is installable in minutes with no downtime. Simultaneously replicate VMs within the same datacenter, to a remote datacenter, and to Microsoft Azure—all with no snapshots, no performance impact, and only seconds of data loss. By utilizing Zerto and Microsoft Azure, the need to provision and manage your own disaster recovery site is removed altogether. Businesses can achieve significant cost savings while gaining limitless capacity and scalability on-demand.

KEY HIGHLIGHTS

- Install in minutes with no downtime
- Remove lock-in and evolve IT with platform-agnostic replication, recovery, and mobility
- Enable significant cost savings by utilizing Microsoft Azure as a disaster recovery site
- Multi-cloud capability with replication to, from, and between Azure sites, even across regions or to other public clouds

How It Works
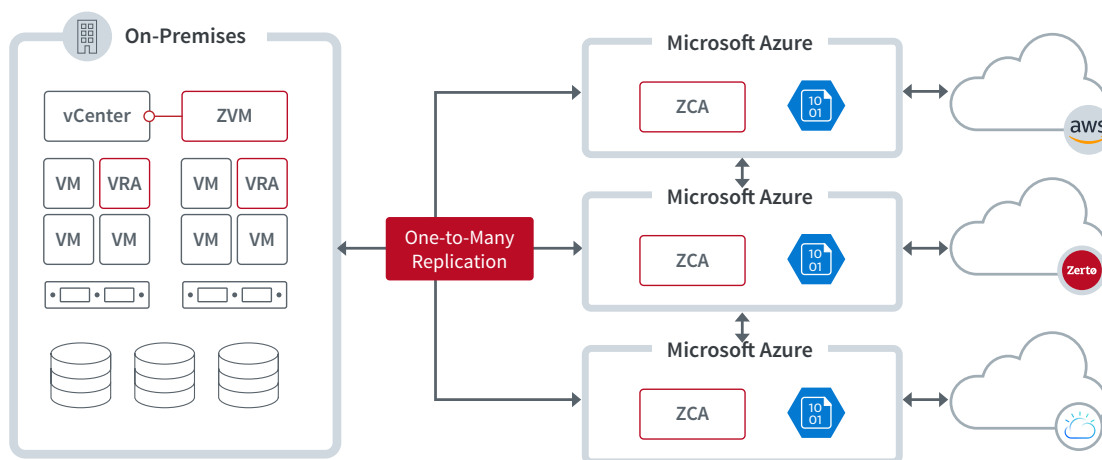
Zerto delivers recovery point objectives (RPOs) in seconds and recovery time objectives (RTOs) in minutes, with orchestration and automation of the entire recovery or migration process, regardless of underlying storage, hypervisor, or cloud. When implementing Zerto within Azure, a Zerto Cloud Appliance (ZCA) is deployed from the Microsoft Azure Marketplace, effectively combining the management component (Zerto Virtual

Manager) and replication engine (Virtual Replication Appliance) in one. An Azure Storage Account is automatically created by the ZCA and is then utilized to store the incoming replicated data, using cost effective Blob storage.

When replicating out of an Azure site, standard replication is achieved through a Blob-level mechanism that tracks changes in the data volumes of protected virtual machines. When the ZCA at the Azure site detects a list of changed blocks, these are then replicated to the target location. For more information about running Zerto in Microsoft Azure, click here.

Key Capabilities

- **RPOs in Seconds with Continuous Data Replication** — Zerto utilizes continuous data replication, protecting every change in near real-time to ensure your RPO is measured in seconds whether into Microsoft Azure, between Microsoft Azure regions, or out of Microsoft Azure.

- **Speed up Cloud Adoption** — Remove hypervisor and storage lock-in and replicate from VMware or Hyper-V environments to Microsoft Azure, enabling migration into Microsoft Azure with minimal downtime or impact.

- **Azure as a Disaster Recovery Site** — Enable significant cost savings by utilizing Microsoft Azure as a disaster recovery site and only pay for what you use, with no recovery VMs created until needed with limitless burst capacity.

- **Multi-Cloud, Hybrid Cloud** — Remove platform lock-in and replicate into or out of AWS, IBM Cloud or Microsoft Azure, and even across Microsoft Azure regions with minimal downtime or impact.

- **Easily Recover Entire Sites, Multi-VM Apps, VMs, and Files** — Rewind and recover individual files, folders, VMs, applications, and entire sites from any point in time within the journal, removing the extended data loss traditionally associated with backups.

- **Vendor Agnostic** — Future-proof your environments to rapidly respond to changes in software, hardware, vendors, or organizational requirements. Even as your infrastructure needs evolve, Zerto's best-of-breed platform will be there to enable any transformation.

- **Support for Microsoft Azure Data Box Edge** — A gateway device that allows Zerto's Long Term Retention feature to easily consume Azure Storage, benefiting from Azure's scalability and cost efficiency.

About Zerto

Zerto helps customers accelerate IT transformation by eliminating the risk and complexity of modernization and cloud adoption. By replacing multiple legacy solutions with a single IT Resilience Platform, Zerto is changing the way disaster recovery, data protection and cloud are managed. With enterprise scale, Zerto's software platform delivers continuous availability for an always-on customer experience while simplifying workload mobility to protect, recover and move applications freely across hybrid and multi-clouds. **www.zerto.com**